

National Functional Guidelines Report # 3

4:03 Sat, Nov 8, 2008

Lab MITKEM (Mitekem Corporation) SDG Y4G13

Case 37947

Contract EPW05030

Region 9

DDTID 65850

SOW SOM01.2

Data Review Results

Continuing Calibration Verification

Continuing Calibration Verification		VOA_LOW_MED
VC14	The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.	
	VBLKQ5, VBLKS5, VBLKU5, Y4G13, Y4G14, Y4G15, Y4G16, Y4G17, Y4G18, Y4G19, Y4G21, Y4G22, Y4G23, Y4G24, Y4G25, Y4G26, Y4G26MS, Y4G26MSD, Y4G28, Y4G29, Y4G29RE, Y4G30, Y4G32, Y4G33, Y4G34	
	Isopropanol VSTD050Q5, VSTD050S5, VSTD050U5	
	VBLKQ5, VBLKS5, VBLKU5, Y4G13, Y4G14, Y4G15, Y4G16, Y4G17, Y4G18, Y4G19, Y4G21, Y4G22, Y4G23, Y4G24, Y4G25, Y4G26, Y4G26MS, Y4G26MSD, Y4G28, Y4G29, Y4G29RE, Y4G30, Y4G32, Y4G33, Y4G34	
Continuing Calibration Verification		VOA_LOW_MED
VC8	The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified UJ.	
	VBLKW5, VHBLKW5, Y4G27	
	1,2-Dichloroethane VSTD050W5	
	VBLKW5, VHBLKW5, Y4G27	

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DMC/Surrogate

DMC/Surrogate		VOA_LOW_MED
VDSS3	The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified.	
	Y4G29, Y4G29RE	
	Benzene-d6 Y4G29	
	Benzene	
	Chloroethane-d5 Y4G29, Y4G29RE	
	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane	
	Vinyl chloride-d3 Y4G29RE	
	Vinyl chloride	
	1,2-Dichloropropane-d6 Y4G29, Y4G29RE	
	1,2-Dichloropropane, Bromodichloromethane, Cyclohexane, Methylcyclohexane	
DMC/Surrogate		VOA_LOW_MED
VDSS4	The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are qualified UJ.	
	Y4G13, Y4G29, Y4G32, Y4G33, Y4G34	
	1,4-Dioxane-d8 Y4G13, Y4G32, Y4G33, Y4G34	
	1,4-Dioxane	
	trans-1,3-Dichloropropene-d4 Y4G29	
	1,1,2-Trichloroethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene	

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Detection Limit

Detection Limit	VOA_LOW_MED
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	Y4G13, Y4G21, Y4G26, Y4G27, Y4G28, Y4G29, Y4G29RE, Y4G30
	Toluene Y4G29, Y4G29RE
	Tetrachloroethene Y4G13
	cis-1,2-Dichloroethene Y4G29RE
	Chloroform Y4G28
	Benzene Y4G21, Y4G26
	Methylene chloride Y4G27
	Trichloroethene Y4G30

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Initial Calibration

Initial Calibration		VOA_LOW_MED
VC15	The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.	
	VBLKQ5, VBLKS5, VBLKU5, VBLKW5, VHBLKW5, Y4G13, Y4G14, Y4G15, Y4G16, Y4G17, Y4G18, Y4G19, Y4G21, Y4G22, Y4G23, Y4G24, Y4G25, Y4G26, Y4G26MS, Y4G26MSD, Y4G27, Y4G28, Y4G29, Y4G29RE, Y4G30, Y4G32, Y4G33, Y4G34	
	1,4-Dioxane VSTD005O5	
	Isopropanol VSTD005O5, VSTD050O5, VSTD100O5, VSTD200O5	
Initial Calibration		VOA_LOW_MED
VC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified.	
	VBLKQ5, VBLKS5, VBLKU5, VBLKW5, VHBLKW5, Y4G13, Y4G14, Y4G15, Y4G16, Y4G17, Y4G18, Y4G19, Y4G21, Y4G22, Y4G23, Y4G24, Y4G25, Y4G26, Y4G26MS, Y4G26MSD, Y4G27, Y4G28, Y4G29, Y4G29RE, Y4G30, Y4G32, Y4G33, Y4G34	
	1,4-Dioxane-d8 VSTD005O5, VSTD010O5	
	1,4-Dioxane	

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Internal Standard

Internal Standard		VOA_LOW_MED
VIS31	The following volatile samples have internal standard area counts that are outside the lower limit of primary criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.	
	1,4-Dichlorobenzene-d4 Y4G26MSD, Y4G29, Y4G29RE	

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TIC

TIC		VOA_LOW_MED
VTIC1	A library search indicates a match at or above 85% for a TIC compound in the volatile sample. Detected compounds are qualified NJ. Nondetected compounds are not qualified.	
	556-67-2 Y4G13, Y4G14	
TIC		VOA_LOW_MED
VTIC2	A library search indicates a match below 85% for a TIC compound in the volatile sample. Detected compounds are qualified J. Nondetected compounds are not qualified.	
	Unknown-01 Y4G22, Y4G24, Y4G25	